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ORIGINAL

QUARTERLY REPORTS ON MORTALITY OF WATERFOWL ON BASIN F,
JANUARY 1981 - JUNE 1983

30 JUNE 1983

DAVID THORNE
ROCKY MOUNTAIN ARSENAL

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WATERFOWL MORTALITIES OBSERVED ON BASIN F IN
FIRST QUARTER 1981 (JAN, FEB & MAR)

| <u>SPECIES</u> | <u>NUMBER OBSERVED</u> |
|-------------------|------------------------|
| Pied-billed grebe | 2 |
| Mallard | 1 |
| Gadwall | 1 |
| Green-winged teal | 2 |
| Northern shoveler | 1 |
| Redhead | 9 |
| Lesser scaup | 8 |
| Common goldeneye | 5 |
| Bufflehead | 2 |
| Common merganser | 7 |
| Unknown grebe | 1 |
| Unknown ducks | 3 |
| | <hr/> |
| TOTAL | 42 |

INCLOSURE

Waterfowl Mortalities Observed on Basin F
in Second Quarter, 1981 (2 Apr to 6 Jul, inclusive)

| <u>Species</u> | <u>Number Observed</u> |
|-------------------|------------------------|
| Pied-billed grebe | 11 |
| Western grebe | 3 |
| Eared grebe | 1 |
| Unknown grebes | 2 |
| Mallard | 2 |
| Gadwall | 1 |
| Green-winged teal | 1 |
| Lesser scaup | 4 |
| Common goldeneye | 2 |
| Bufflehead | 2 |
| Ruddy Duck | 1 |
| Hooded merganser | 1 |
| Common merganser | 1 |
| Unknown ducks | 5 |
| American coot | <u>2</u> |
| Total | 39 |

Inclosure

Waterfowl Mortalities Observed on Basin F
in Third Quarter, 1981 7 Jul to 2 Oct, inclusive

| <u>Species</u> | <u>Number Observed</u> |
|-----------------------|------------------------|
| Pied-billed grebe | 35 |
| Western grebe | 3 |
| Fared of horned grebe | 1 |
| Green-winged teal | 1 |
| Blue-winged teal | 1 |
| Northern shoveler | 1 |
| Red head | 1 |
| Lesser scaup | 2 |
| Ruddy duck | 1 |
| Unidentified ducks | 3 |
| American coot | 7 |
| | <hr/> |
| Total | 56 |

Inclosure

Waterfowl Mortality c Basin F in
Fourth Quarter, 1981*

| <u>SPECIES</u> | <u>NO. OBSERVED</u> |
|-----------------------|---------------------|
| Pied-billed grebe | 19 |
| Western grebe | 4 |
| Eared or horned grebe | 1 |
| Mallard | 3 |
| Gadwall | 6 |
| Green-winged teal | 2 |
| Northern shoveler | 2 |
| Wood duck | 1 |
| Redhead | 3 |
| Lesser scaup | 6 |
| Common goldeneye | 2 |
| Bufflehead | 4 |
| Ruddy duck | 7 |
| Unidentified ducks | 2 |
| American coot | <u>3</u> |
| TOTAL | 65 |

* 3 Oct - 31 Dec 81

Mortality of Migratory Birds on Peain F
First Quarter, 1932*

| Species | No. Observed |
|-------------------------|--------------|
| Pied-billed grebe | 4 |
| Fared or horned grebe | 6 |
| Double-billed cormorant | 1 |
| Illard | 7 |
| Sidwall | 4 |
| Northern shoveler | 2 |
| Redhead | 9 |
| Ring-necked duck | 5 |
| Lesser scaup | 11 |
| Common goldeneye | 9 |
| Pufflehead | 2 |
| Rudy duck | 3 |
| Common merganser | 7 |
| Unidentified ducks | 2 |
| American coot | <u>2</u> |
| TOTAL | 74 |

* 1 January - 29 March 1932

Mortality of Migratory Birds on Basin F
Second Quarter, 1982*

| <u>Species</u> | <u>No. Observed</u> |
|-------------------|---------------------|
| Eared grebe | 1 |
| Western grebe | 8 |
| Pied-billed grebe | 7 |
| Unknown grebes | 2 |
| Mallard | 6 |
| Gadwall | 3 |
| Pintail | 1 |
| Green wing teal | 5 |
| Blue wing teal | 3 |
| Northern shoveler | 1 |
| Redhead | 3 |
| Lesser scaup | 18 |
| Common goldeneye | 1 |
| Bufflehead | 3 |
| Ruddy duck | 4 |
| Common merganser | 3 |
| Lesser yellowlegs | <u>1</u> |
| TOTAL | 70 |

* 30 Mar - 1 Jul 82

Mortality of Migratory Birds on Basin F

Third Quarter, 1982*

| <u>Species</u> | <u>No. Observed</u> |
|--------------------------------|---------------------|
| Western grebe | 4 |
| Pied-billed grebe | 18 |
| Unknown grebe (probably eared) | 5 |
| Canada goose | 1 |
| Mallard | 3 |
| Gadwall | 6 |
| Green-wing teal | 2 |
| Blue-wing teal | 1 |
| Northern shoveler | 1 |
| Redhead | 1 |
| Lesser scaup | 2 |
| American coot | <u>5</u> |
| Total | 49 |

* 2 July - 6 Oct 82

Mortality of Migratory Birds on Basin F

Fourth Quarter, 1982*

| <u>Species</u> | <u>No. Observed</u> |
|---------------------|---------------------|
| Pied-billed grebe | 3 |
| Unidentified grebes | 5 |
| Mallard | 1 |
| Gadwall | 3 |
| Northern shoveler | 2 |
| Redhead | 3 |
| Ringneck duck | 2 |
| Lesser scaup | 4 |
| Bufflehead | 2 |
| Ruddy duck | 1 |
| Common merganser | <u>3</u> |
| Total | 29 |

* 7 Oct - 20 Dec 82

MORTALITY OF MIGRATORY BIRDS ON BASIN F

FIRST QUARTER 1983*

| <u>SPECIES</u> | <u>NO. OBSERVED</u> |
|-------------------|---------------------|
| Western Grebe | 1 |
| Pied-billed Grebe | 1 |
| Mallard | 10 |
| Gadwall | 3 |
| Green-winged Teal | 1 |
| Northern Shoveler | 1 |
| Redhead | 6 |
| Ring-necked Duck | 5 |
| Lesser Scaup | 13 |
| Common Goldeneye | 3 |
| Ruddy Duck | 1 |
| Common Merganser | 2 |
| American Coot | <u>1</u> |
| Total | 48 |

*21 December 1982 - 23 March 1983

MORTALITY OF MIGRATORY BIRDS ON BASIN F

SECOND QUARTER 1983*

| <u>SPECIES</u> | <u>NO. OBSERVED</u> |
|-------------------|---------------------|
| Western grebe | 2 |
| Pied-billed grebe | 9 |
| Mallard | 1 |
| Gadwall | 2 |
| Northern shoveler | 2 |
| Redhead | 5 |
| Lesser scaup | 8 |
| Bufflehead | 1 |
| Ruddy duck | 7 |
| American coot | <u>2</u> |
| Total | 39 |

*24 March to 30 June 1983